

Yu-Hsiang Kuan

List of Publications by Year in descending order

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104
papers

2,554
citations

185998

28
h-index

233125

45
g-index

105
all docs

105
docs citations

105
times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Rutin decreases lipopolysaccharide-induced acute lung injury via inhibition of oxidative stress and the MAPK/NF- κ B pathway. <i>Free Radical Biology and Medicine</i> , 2014, 69, 249-257.	1.3	170
2	Intravenous administration of melatonin reduces the intracerebral cellular inflammatory response following transient focal cerebral ischemia in rats. <i>Journal of Pineal Research</i> , 2007, 42, 297-309.	3.4	131
3	Luteolin attenuates the pulmonary inflammatory response involves abilities of antioxidation and inhibition of MAPK and NF- κ B pathways in mice with endotoxin-induced acute lung injury. <i>Food and Chemical Toxicology</i> , 2011, 49, 2660-2666.	1.8	126
4	Tetramethylpyrazine reduces cellular inflammatory response following permanent focal cerebral ischemia in rats. <i>Experimental Neurology</i> , 2013, 247, 188-201.	2.0	102
5	Protective effects of luteolin against lipopolysaccharide-induced acute lung injury involves inhibition of MEK/ERK and PI3K/Akt pathways in neutrophils. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 831-838.	2.8	97
6	Docosahexaenoic acid reduces cellular inflammatory response following permanent focal cerebral ischemia in rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 2127-2137.	1.9	91
7	Ginkgo biloba leaves extract (EGb 761) attenuates lipopolysaccharide-induced acute lung injury via inhibition of oxidative stress and NF- κ B-dependent matrix metalloproteinase-9 pathway. <i>Phytomedicine</i> , 2013, 20, 303-309.	2.3	69
8	Proinflammatory activation of macrophages by bisphenol A-glycidyl-methacrylate involved NF- κ B activation via PI3K/Akt pathway. <i>Food and Chemical Toxicology</i> , 2012, 50, 4003-4009.	1.8	60
9	Bisphenol A exhibits cytotoxic or genotoxic potential via oxidative stress-associated mitochondrial apoptotic pathway in murine macrophages. <i>Food and Chemical Toxicology</i> , 2018, 122, 215-224.	1.8	57
10	Quercetin protects against cerebral ischemia/reperfusion and oxygen glucose deprivation/reoxygenation neurotoxicity. <i>Journal of Nutritional Biochemistry</i> , 2020, 83, 108436.	1.9	55
11	Luteolin Suppresses Inflammatory Mediator Expression by Blocking the Akt/NF- κ B Pathway in Acute Lung Injury Induced by Lipopolysaccharide in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	53
12	Prescription patterns of Chinese herbal products for patients with sleep disorder and major depressive disorder in Taiwan. <i>Journal of Ethnopharmacology</i> , 2015, 171, 307-316.	2.0	51
13	Protective effect of rutin on LPS-induced acute lung injury via down-regulation of MIP-2 expression and MMP-9 activation through inhibition of Akt phosphorylation. <i>International Immunopharmacology</i> , 2014, 22, 409-413.	1.7	50
14	Protective effect of zerumbone reduces lipopolysaccharide-induced acute lung injury via antioxidative enzymes and Nrf2/HO-1 pathway. <i>International Immunopharmacology</i> , 2017, 46, 194-200.	1.7	49
15	Protective Effect of Ginkgo biloba leaves extract, EGb761, on Endotoxin-Induced Acute Lung Injury via a JNK- and Akt-Dependent NF- κ B Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6337-6344.	2.4	48
16	Expression of proinflammatory cytokines and mediators induced by Bisphenol A via ERK/NF- κ B and JAK1/STAT3 pathways in macrophages. <i>Environmental Toxicology</i> , 2019, 34, 486-494.	2.1	45
17	Cardioprotective Effects of Luteolin During Ischemia-Reperfusion Injury in Rats. <i>Circulation Journal</i> , 2011, 75, 443-450.	0.7	44
18	Protective effect of wogonin on proinflammatory cytokine generation via Jak1/3-STAT1/3 pathway in lipopolysaccharide stimulated BV2 microglial cells. <i>Toxicology and Industrial Health</i> , 2015, 31, 960-966.	0.6	39

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19	Depression-Like Effect of Prenatal Buprenorphine Exposure in Rats. <i>PLoS ONE</i> , 2013, 8, e82262.	1.1	37
20	Autophagy contributes to gefitinib-induced glioma cell growth inhibition. <i>Experimental Cell Research</i> , 2014, 327, 102-112.	1.2	37
21	Effects of Rutin on Wound Healing in Hyperglycemic Rats. <i>Antioxidants</i> , 2020, 9, 1122.	2.2	37
22	The role of DNA damage and caspase activation in cytotoxicity and genotoxicity of macrophages induced by bisphenol A-glycidyl dimethacrylate. <i>International Endodontic Journal</i> , 2012, 45, 499-507.	2.3	36
23	Zerumbone reduced the inflammatory response of acute lung injury in endotoxin-treated mice via Akt-NF κ B pathway. <i>Chemico-Biological Interactions</i> , 2017, 271, 9-14.	1.7	35
24	Therapeutic Potential of Luteolin on Impaired Wound Healing in Streptozotocin-Induced Rats. <i>Biomedicines</i> , 2021, 9, 761.	1.4	35
25	Luteolin sensitizes human 786-O renal cell carcinoma cells to TRAIL-induced apoptosis. <i>Life Sciences</i> , 2014, 100, 110-117.	2.0	33
26	Fibronectin Promotes Cell Growth and Migration in Human Renal Cell Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2792.	1.8	33
27	Cytotoxicity and genotoxicity of chlorhexidine on macrophages <i>in vitro</i> . <i>Environmental Toxicology</i> , 2014, 29, 452-458.	2.1	32
28	Cadmium nitrate-induced neuronal apoptosis is protected by N-acetyl-l-cysteine via reducing reactive oxygen species generation and mitochondria dysfunction. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 448-456.	2.5	32
29	Protective effect of wogonin on endotoxin-induced acute lung injury via reduction of p38 MAPK and JNK phosphorylation. <i>Environmental Toxicology</i> , 2017, 32, 397-403.	2.1	30
30	Rutin improves endotoxin-induced acute lung injury via inhibition of iNOS and VCAM-1 expression. <i>Environmental Toxicology</i> , 2016, 31, 185-191.	2.1	29
31	Nerolidol Suppresses the Inflammatory Response during Lipopolysaccharide-Induced Acute Lung Injury via the Modulation of Antioxidant Enzymes and the AMPK/Nrf-2/HO-1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	29
32	Wogonin attenuates endotoxin-induced prostaglandin E2 and nitric oxide production via Src/ERK1/2/NF κ B pathway in BV-2 microglial cells. <i>Environmental Toxicology</i> , 2014, 29, 1162-1170.	2.1	27
33	Cytotoxicity and genotoxicity of triethyleneglycol-dimethacrylate in macrophages involved in DNA damage and caspases activation. <i>Environmental Toxicology</i> , 2015, 30, 581-588.	2.1	25
34	Effects of β -Adrenergic Blockade on Metabolic and Inflammatory Responses in a Rat Model of Ischemic Stroke. <i>Cells</i> , 2020, 9, 1373.	1.8	25
35	Valproic acid sensitizes human glioma cells to gefitinib-induced autophagy. <i>IUBMB Life</i> , 2015, 67, 869-879.	1.5	24
36	Acute lung injury induced by lipopolysaccharide is inhibited by wogonin in mice via reduction of Akt phosphorylation and RhoA activation. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 257-263.	1.2	24

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37	Safrole induced cytotoxicity, DNA damage, and apoptosis in macrophages via reactive oxygen species generation and Akt phosphorylation. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 94-100.	2.0	24
38	Association Between PM2.5 Exposure Level and Primary Open-Angle Glaucoma in Taiwanese Adults: A Nested Caseâ€“control Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1714.	1.2	23
39	Influence of PM2.5 Exposure Level on the Association between Alzheimerâ€™s Disease and Allergic Rhinitis: A National Population-Based Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3357.	1.2	22
40	Correlation between diabetes mellitus and periodontitis in Taiwan: A nationwide cohort study. <i>Diabetes Research and Clinical Practice</i> , 2019, 150, 245-252.	1.1	22
41	Genotoxic effects of 1-nitropyrene in macrophages are mediated through a p53-dependent pathway involving cytochrome c release, caspase activation, and PARP-1 cleavage. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 112062.	2.9	22
42	Bisphenol A induced apoptosis via oxidative stress generation involved Nrf2/HO-1 pathway and mitochondrial dependent pathways in human retinal pigment epithelium (ARPE-19) cells. <i>Environmental Toxicology</i> , 2022, 37, 131-141.	2.1	21
43	Induction of Apoptosis by Luteolin Involving Akt Inactivation in Human 786-O Renal Cell Carcinoma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	0.5	20
44	Bigsigma Stimulates Prostaglandin E2 Production in Macrophages via Cyclooxygenase-2, Cytosolic Phospholipase A2, and Mitogen-Activated Protein Kinases Family. <i>PLoS ONE</i> , 2013, 8, e82942.	1.1	20
45	Endotoxin-induced acute lung injury in mice is protected by 5,7-dihydroxy-8-methoxyflavone via inhibition of oxidative stress and HIF-1 α . <i>Environmental Toxicology</i> , 2016, 31, 1700-1709.	2.1	20
46	Chromium supplementation improved post-stroke brain infarction and hyperglycemia. <i>Metabolic Brain Disease</i> , 2016, 31, 289-297.	1.4	20
47	Evaluation of the potential inhibitory activity of a combination of <i>L. acidophilus</i> , <i>L. rhamnosus</i> and <i>L. sporogenes</i> on <i>Helicobacter pylori</i> : A randomized double-blind placebo-controlled clinical trial. <i>Chinese Journal of Integrative Medicine</i> , 2017, 23, 176-182.	0.7	20
48	Anti-inflammatory and Neuroprotective Effects of Fungal Immunomodulatory Protein Involving Microglial Inhibition. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3678.	1.8	20
49	Assessment of the cytotoxicity of chlorhexidine by employing an in vitro mammalian test system. <i>Journal of Dental Sciences</i> , 2014, 9, 130-135.	1.2	18
50	Endoplasmic Reticulum Stress Contributes to Gefitinib-Induced Apoptosis in Glioma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3934.	1.8	17
51	Toxic Effects of Urethane Dimethacrylate on Macrophages Through Caspase Activation, Mitochondrial Dysfunction, and Reactive Oxygen Species Generation. <i>Polymers</i> , 2020, 12, 1398.	2.0	16
52	Zerumbone from <i>Zingiber zerumbet</i> Ameliorates Lipopolysaccharide-Induced ICAM-1 and Cytokines Expression via p38 MAPK/JNK-I κ B/ NF- κ B Pathway in Mouse Model of Acute Lung Injury. <i>Chinese Journal of Physiology</i> , 2018, 61, 171-180.	0.4	16
53	The Upregulation of Transglutaminase-2 by Cyclosporin A in Human Gingival Fibroblasts Is Augmented by Oxidative Stress. <i>Journal of Periodontology</i> , 2013, 84, 1469-1475.	1.7	15
54	BisGMA-induced cytotoxicity and genotoxicity in macrophages are attenuated by wogonin via reduction of intrinsic caspase pathway activation. <i>Environmental Toxicology</i> , 2016, 31, 176-184.	2.1	15

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55	Artocarpol A stimulation of superoxide anion generation in neutrophils involved the activation of PLC, PKC and p38 mitogen-activated PK signaling pathways. <i>British Journal of Pharmacology</i> , 2005, 145, 460-468.	2.7	14
56	Protective effect of nerolidol on lipopolysaccharide-induced acute lung injury through the inhibition of NF- κ B activation by the reduction of p38 MAPK and JNK phosphorylation. <i>Journal of Functional Foods</i> , 2020, 69, 103943.	1.6	14
57	Protective Effects of Kirenol against Lipopolysaccharide-Induced Acute Lung Injury through the Modulation of the Proinflammatory NF κ B Pathway and the AMPK2-/Nrf2-Mediated HO-1/AOE Pathway. <i>Antioxidants</i> , 2021, 10, 204.	2.2	14
58	1-Nitropyrene Induced Reactive Oxygen Species-Mediated Apoptosis in Macrophages through AIF Nuclear Translocation and AMPK/Nrf-2/HO-1 Pathway Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	14
59	Bidirectional Association Between Psoriasis and Nonalcoholic Fatty Liver Disease: Real-World Evidence From Two Longitudinal Cohort Studies. <i>Frontiers in Immunology</i> , 2022, 13, 840106.	2.2	13
60	Effective attenuation of acute lung injury in vivo and the formyl peptide-induced neutrophil activation in vitro by CYL-26z through the phosphoinositide 3-kinase β pathway. <i>Biochemical Pharmacology</i> , 2006, 72, 749-760.	2.0	12
61	Aspirin restores ABT-737-mediated apoptosis in human renal carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 187-193.	1.0	12
62	β -Funaltrexamine Displayed Anti-Inflammatory and Neuroprotective Effects in Cells and Rat Model of Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3866.	1.8	12
63	Evaluation of cytotoxicity, apoptosis, and genotoxicity induced by indium chloride in macrophages through mitochondrial dysfunction and reactive oxygen species generation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110348.	2.9	12
64	Indium chloride-induced micronuclei via reactive oxygen species in Chinese hamster lung fibroblast V79 cells. <i>Environmental Toxicology</i> , 2013, 28, 595-600.	2.1	10
65	Hair growth is promoted by BeauTop via expression of EGF and FGF7. <i>Molecular Medicine Reports</i> , 2018, 17, 8047-8052.	1.1	10
66	Activation of phosphoinositide 3-kinase and Src family kinase is required for respiratory burst in rat neutrophils stimulated with artocarpol A. <i>Biochemical Pharmacology</i> , 2006, 71, 1735-1746.	2.0	9
67	Evaluation of differential representative values between Chinese hamster cells and human lymphocytes in mitomycin C-induced cytogenetic assays and caspase-3 activity. <i>Toxicology and Industrial Health</i> , 2012, 28, 174-180.	0.6	9
68	Fucoxanthin decreases lipopolysaccharide-induced acute lung injury through the inhibition of RhoA activation and the NF κ B pathway. <i>Environmental Toxicology</i> , 2022, 37, 2214-2222.	2.1	9
69	Inhibition of phospholipase D activation by CYL-26z in formyl peptide-stimulated neutrophils involves the blockade of RhoA activation. <i>Biochemical Pharmacology</i> , 2005, 70, 901-910.	2.0	8
70	Diethylmaleate and iodoacetate in combination caused profound cell death in astrocytes. <i>Journal of Neurochemistry</i> , 2013, 127, 271-282.	2.1	8
71	Mechanism of a novel missense mutation, p.V174M, of the human connexin31 (<i>CX31</i>) in causing nonsyndromic hearing loss. <i>Biochemistry and Cell Biology</i> , 2014, 92, 251-257.	0.9	8
72	Rutin-protected BisGMA induced cytotoxicity, genotoxicity, and apoptosis in macrophages through the reduction of the mitochondrial apoptotic pathway and induction of antioxidant enzymes. <i>Environmental Toxicology</i> , 2021, 36, 45-54.	2.1	8

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73	Epidemiological characteristics of postoperative sepsis. <i>Open Medicine (Poland)</i> , 2019, 14, 928-938.	0.6	7
74	Magnesium lithospermate B supplementation improved prenatal Bisphenol A <scp>exposureâ€œinduced</scp> metabolic abnormalities in male offspring. <i>Environmental Toxicology</i> , 2021, 36, 1932-1943.	2.1	7
75	Air Pollutant Particles, PM2.5, Exposure and Glaucoma in Patients with Diabetes: A National Population-Based Nested Caseâ€œControl Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9939.	1.2	7
76	Proinflammatory Responses of 1-Nitropyrene against RAW264.7 Macrophages through Akt Phosphorylation and NF-Î²B Pathways. <i>Toxics</i> , 2021, 9, 276.	1.6	6
77	Correlation between Gout and Coronary Heart Disease in Taiwan: A Nationwide Population-Based Cohort Study. <i>Acta Cardiologica Sinica</i> , 2019, 35, 634-640.	0.1	6
78	3-Bromofluoranthene-induced cardiotoxicity of zebrafish and apoptosis in the vascular endothelial cells via intrinsic and extrinsic caspase-dependent pathways. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112962.	2.9	6
79	Hair growth effect of traditional Chinese medicine BeauTop on androgenetic alopecia patients: A randomized double-blind placebo-controlled clinical trial. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 194-202.	0.8	5
80	Prescribing Trend of Antirheumatic Drugs in Taiwan and Risk of Cardiovascular Disease in Patients with Rheumatoid Arthritis: A Nationwide Cohort Study. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	5
81	Observation of the Expression of Vascular Endothelial Growth Factor and the Potential Effect of Promoting Hair Growth Treated with Chinese Herbal BeauTop. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	0.5	5
82	Pneumonia Risk Associated with the Use of Individual Benzodiazepines and Benzodiazepine Related Drugs among the Elderly with Parkinsonâ€™s Disease. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9410.	1.2	5
83	Association between Ultraviolet B Exposure Levels and Depression in Taiwanese Adults: A Nested Caseâ€œControl Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6846.	1.2	5
84	Risk of Pneumonia is associated with Antipsychotic Drug Use among older patients with Parkinson's Disease: A Case-control Study. <i>International Journal of Medical Sciences</i> , 2021, 18, 3565-3573.	1.1	4
85	Glycerol Improves Intracerebral Hemorrhagic Brain Injury and Associated Kidney Dysfunction in Rats. <i>Antioxidants</i> , 2021, 10, 623.	2.2	4
86	Cadmium induces the expression of Interleukin-6 through Heme Oxygenase-1 in HK-2 cells and Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2022, 161, 112846.	1.8	4
87	Magnesium Lithospermate B Attenuates High-Fat Diet-Induced Muscle Atrophy in C57BL/6J Mice. <i>Nutrients</i> , 2022, 14, 104.	1.7	4
88	2-Benzyloxybenzaldehyde inhibits formyl peptide-stimulated increase in intracellular Ca ²⁺ in neutrophils mainly by blocking Ca ²⁺ entry. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004, 370, 353-360.	1.4	3
89	No additional cholesterol-lowering effect observed in the combined treatment of red yeast rice and <i>Lactobacillus casei</i> in hyperlipidemic patients: A double-blind randomized controlled clinical trial. <i>Chinese Journal of Integrative Medicine</i> , 2017, 23, 581-588.	0.7	3
90	<i>Î±</i>-Glucosidase Inhibitor Can Effectively Inhibit the Risk of Tuberculosis in Patients with Diabetes: A Nested Case-Control Study. <i>BioMed Research International</i> , 2020, 2020, 1-12.	0.9	3

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91	Oral treatment for diabetes using α -glucosidase inhibitors was a risk factor for chronic obstructive pulmonary disease: a cohort study. <i>International Journal of Medical Sciences</i> , 2021, 18, 778-784.	1.1	3
92	Endoplasmic Reticulum Stress Contributed to Dipyridamole-Induced Impaired Autophagic Flux and Glioma Apoptosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 579.	1.8	3
93	Fine Particulate Matter Exposure Levels in Patients with Normal-Tension Glaucoma and Primary Open-Angle Glaucoma: A Population-Based Study from Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4224.	1.2	3
94	Cadmium nitrate-induced cytotoxicity and genotoxicity via caspases in Neuro-2A neurons. <i>Toxin Reviews</i> , 2018, 37, 39-43.	1.5	2
95	Heart valve operations associated with reduced risk of death from mitral valve disease but other operations associated with increased risk of death: a national population-based case-control study. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 165.	0.4	2
96	Safrole-induced expression of proinflammatory responses is associated with phosphorylation of mitogen-activated protein kinase family and the nuclear factor- κ B/inhibitor of κ B pathway in macrophages. <i>Tzu Chi Medical Journal</i> , 2020, 32, 344.	0.4	2
97	Comparison of Medical Comorbidity between Patients with Normal-Tension Glaucoma and Primary Open-Angle Glaucoma: A Population-Based Study in Taiwan. <i>Healthcare (Switzerland)</i> , 2021, 9, 1509.	1.0	2
98	Antidepressants Usage and Risk of Pneumonia Among Elderly Patients With the Parkinson's Disease: A Population-Based Case-Control Study. <i>Frontiers in Medicine</i> , 2022, 9, 740182.	1.2	2
99	Preventive Intrathecal Injection of Bupivacaine Alleviated Microglia Activation and Neuropathic Pain in a Rat Model of Chronic Constriction Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7197.	1.8	2
100	The object-oriented nursing management system. , 2010, , .		0
101	Caspase activation by a zinc-oxide eugenol-based root-canal sealer in cementoblasts. <i>Journal of Dental Sciences</i> , 2015, 10, 338-340.	1.2	0
102	Propofol Improved Glucose Tolerance Associated with Increased FGF-21 and GLP-1 Production in Male Sprague-Dawley Rats. <i>Molecules</i> , 2020, 25, 3229.	1.7	0
103	Cytotoxicity and genotoxicity of macrophages induced by Manganese nitrite via CAPASEs activation and ROS generation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-4-24.	0.0	0
104	Protective effect of Trimethyldodecatrienol on endotoxin-induced acute lung injury via MAPK-dependent NF κ B pathway. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-3-44.	0.0	0